SEQUENCE LISTING

(1)   GENERAL INFORMATION:

     (i). APPLICANT

        (A) NAME: RHONE-POULENC RORER S.A.

        (B) STREET: 20, avenue Raymond ARON

        (C) CITY: ANTONY

        (E) COUNTRY: FRANCE

        (F) POSTAL CODE: 92165

     (ii) TITLE OF INVENTION: Recombinant viruses, their preparation and their use in gene therapy

     (iii) NUMBER OF SEQUENCES: 5

     (iv) COMPUTER READABLE FORM:

        (A)   MEDIUM TYPE: Tape

        (B)   COMPUTER: IBM PC compatible

        (C)   OPERATING SYSTEM: PC-DOS/MS-DOS

        (D)   SOFTWARE: PatentIn Release # 1.0,

            Version #1.25 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

     (i)   SEQUENCE CHARACTERISTICS:

        (A)   LENGTH: 26 base pairs

        (B)   TYPE: nucleic acid

        (C)   STRANDEDNESS: single

        (D)   TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii)HYPOTHETICAL: NO

(iii)ANTISENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

5   TTCATCGAAT TCCACCAGGT GAGAAG   26

(2) INFORMATION FOR SEQ ID NO: 2:

        (i)   SEQUENCE CHARACTERISTICS:

               (A)   LENGTH: 25 base pairs

               (B)   TYPE: nucleic acid

10   (C)   STRANDEDNESS: single

               (D)   TOPOLOGY: linear

        (ii) MOLECULE TYPE: cDNA

        (iii)HYPOTHETICAL: NO

        (iii)ANTISENSE: NO

15   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

AATATAATCT AGACAACATA AATCC   25

(2) INFORMATION FOR SEQ ID NO: 3:

        (i)   SEQUENCE CHARACTERISTICS:

               (A)   LENGTH: 22 base pairs

20   (B)   TYPE: nucleic acid

               (C)   STRANDEDNESS: single

               (D)   TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii)HYPOTHETICAL: NO

(iii)ANTISENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

5   TAGCTTCATC GATTTCCACC AG   22

(2) INFORMATION FOR SEQ ID NO: 4:

        (i)   SEQUENCE CHARACTERISTICS:

                (A)   LENGTH: 25 base pairs

                (B)   TYPE: nucleic acid

10   (C)   STRANDEDNESS: single

                (D)   TOPOLOGY: linear

        (ii) MOLECULE TYPE: cDNA

        (iii)HYPOTHETICAL: NO

        (iii)ANTISENSE: NO

15   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

AATATAATCT AGACAACATA AATCC   25

(2) INFORMATION FOR SEQ ID NO: 5:

        (i)   SEQUENCE CHARACTERISTICS:

                (A)   LENGTH: 30 base pairs

20   (B)   TYPE: nucleic acid

                (C)   STRANDEDNESS: double

                (D)   TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii)HYPOTHETICAL: NO

(iii)ANTISENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

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5    AGA GGC GAC TAC AAG GAC GAC GAT GAC TAG                    30
     Arg Gly Asp Tyr Lys Asp Asp Asp Asp ***
         1                   5
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